

The Physico-Chemical Processes Taking Place
During the Autoclave Hardening of Portland
Cement With Additions of Silica, by S. A.
Mironov, L. A. Malinina, 16 pp.

RUSSIAN, monograph, Beton Avtoklavnogo Tverdeniya
[Autoclave Cured Concrete], Chap 2, 1958

SLA 60-17684

129, 429

Sci

OTS, Vol IV, No 3
Oct 60

Accelerated Thermal Treatment of No-Fines Concrete,
by G. Buzhevich.
Russia. [redacted], per, Beton i Zhelezobeton, No 3, 1953,
pp 118-123.
CSIRO/No. 6535

Sci -- Chem
Apr 64

254,585

The Application of the Method of "Compensation of Moments" in the Calculation of Pipes and Arches, Allowing for the Plastic Properties of Ferro-Concrete, by G. K. Klein.

RUSSIAN, per, Beton i Zhelezobeton, No 2, 1956,
pp 59-64.

NLL M. 2579

Sci - Engr

Nov 61

174,422.

Steam-Cured Cellular Concrete on a Yozam
Basis, by I. T. Kudryashov.

RUSSIAN, par, Beton i Zhelezobeton,
No 4, 1956, pp 130-132.

GSIM 3667

Sci ~ Engr

188,553

Mar 62

Infra-Red Heating in the Production of Concrete,
by B. V. Spaktor.

RUSSIAN, per, Beton i Zhelezobeton, No 7, Moscow,
1956, pp 264-266.

Dept of Interior
Bu of Reclam
Tech Lib
Denver, Colo.

Sci - Engr

Feb 60

107752
OTS 61-20032

Autoclave Treatment in the Manufacture of
Precast Concrete and Reinforced Concrete
Parts, by A. Volzhenskiy, Yu. Burov.

RUSSIAN, per, Baton I Zhelezobeton,
No 8, 1956, pp 277-280.

CSIRO 3668

Sci - Engr

188-541

Mar 62

Slab-Truss Design and Construction What Is New
in Soviet Construction, New Series -- I, 13 pp.

RUSSIAN, per, Beton i Zhelezobeton, No 8, 1956,
pp 296-300.

AF T-25

Per Jan 59
AID List

Sci - Engr
USSR
Econ
Mar 59

Investigation of the Abrasion Resistance of
Concrete Revetment of Hydraulic Structures, by V.
Ya. Gorenbeyn, 7 pp.

Russian
~~Editor~~, per, Beton i Zhelezobeton, No 10, 1956,
pp 413-415.

SLA 59-19285

Sci

Jun 60

118,314

Experimental Investigation of Deformations
of Reinforced Concrete Elements Subjected
to Bending for a Prolonged Period at an
Early Age, by I. Ulitakiy, I. Rusinov.

RUSSIAN, per, Beton i Zhelezobeton,
No 12, 1956, pp 435-440.

CSIRO 3669

Sci - Engr
Jul 62

207, 726

<p>Moskvin, V. M. and Alekseev, S. N. METHODS OF INCREASING THE RESISTANCE TO CORROSION OF REINFORCEMENT IN REINFORCED CONCRETE STRUCTURAL MEMBERS. [1963] Sp 1 ref Order from OTS, SLA, or ETC \$1.10 TT-64-10177 Trans. of Beton i Zhelezobeton (USSR) 1957, no. 1, p. 28-29.</p> <p>DESCRIPTORS: *Reinforced concrete, *Structural parts, *Reinforcing materials, *Corrosion inhibition.</p> <p>(Metallurgy--Corrosion, TT, v. 11, no. 11)</p>	<p>TT-64-10177</p> <p>I. Moskvin, V. M. II. Alekseev, S. N.</p> <p>Office of Technical Services</p>
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Calculation of Prestressed Concrete, Ordinary Reinforced Concrete and Plain Concrete Sections for Prevention of Crack Formation, by A. A. Gvozdev, et al. UNCLASSIFIED

RUSSIAN, per, Beton i Zhelezobeton, No 5, 1957,
pp 205-212.

*DSIR/TCL 101

Sci - ~~Min/Met~~ Engr
Oct 58

Autoclaved Concrete Made With Metallurgical Slag
and Ash Binders, by A. V. Volzhensky, A. I.
Michailov, Y. S. Burov, E. S. Silsenkov. UNCI.

Russia, Beton i Zhelezobeton, No 8, 1957,
pp. 322-325.

SIA 50-19278

DSIR/36514/CP

Sci - Engr
Nov 59

99,784

Investigation of the Strength of
Concrete Revetment of Hydraulic Structures, by
V. Ya. Gorenbein.

RUSSIAN, per, Beton i Zhelezobeton, No 10, 1957,
pp 413-415.

DSIR LNU M.949
(loan)

122,559

Sci - Engr

Aug 60

The Fire Resistance of Elements of Ordinary
Reinforced and of Prestressed Concrete Subjected
to Bending, by V. I. Musashev, A. I. Yakovlev. UNCL.

RASSKAZ
Zakladnoe, Beton i Zhelezobeton, No 12, 1957,
pp 467-472.

DSIR 34431/CT

Sci - Engr
Mar 59

83, 359

Kuzmichev, A. E. INVESTIGATION OF THE LOAD-BEARING CAPACITY OF REINFORCED CONCRETE FRAMES AND PRE- CAST CONTINUOUS BEAMS. [1963] 18p. Order from OTS or SLA \$1.60	63-14711 I. Kuzmichev, A. E.
Trans. of Beton i Zhelezobeton (USSR) 1957, no. 12, p. 486-491.	
DESCRIPTORS: *Reinforced concrete, Loading (Mechanics), *Structural parts, Beams (Structural), Mechanical properties, Reinforcing materials, Load distribution, Joints, Tests.	
It is shown that in precast statically indeterminate reinforced concrete structures stress redistribution due to inelastic deformations takes place in the same manner as in monolithic structures. Consequently, methods of taking into account the effect of stress (Engineering--Civil, TT, v. 10, no. 5) (over)	
Office of Technical Services	

Transmission of Stress to Concrete by the
Steel in Prestressed Members, by E. G. Ratts,
M. M. Kholmyanskiy, V. M. Kol'nev, 28 pp.

RUSSIAN, per, Beton i Zhelezobeton, No 1,
1958, pp 4-13.

SLA 60-15376

Sci
Sep 61

169, 362

Thermal Treatment of Concrete , by S. V.
Shestoperov, L. I. Penfilove, 11 pp.

RUSSIAN, per, Beton i Zhelezobeton, No 1,
1958, pp 19-22.

SLA 60-15377

Sci
Sep 61

169, 363

Shear Strain In Reinforced-Concrete Beams Made
Of High-strength Concrete by E. Povalyshev.

RUSSIAN, per, Beton I Zhelezobeton, No 1, 1958,
pp 22-26.

CSIRO Tr 4047

Oct. 62

<p>Chudakov, L. P. STUDY OF EXCENTRICALLY LOADED SQUARE REINFORCED CONCRETE PLATES (Issledovaniye Vnetchastichno Napriyemnykh Kvadratnykh Zhelezobetonnykh Ploshchadok) tr. by M. Shale. [1 p.] [14]p. (Foreword included) 1 ref. Trans. no. 4441 Order from I.C. or U.A. at \$2.40, 2050-120 61-13821 Transl. of Beton i zhelezobeton (USSR) 1956, no. 3, p. 100-133. Tests showed that the components of three-dimensional thin-walled reinforced-concrete structures can be regarded as a series of discrete walls (plates) of containers, with no allowance necessary for a general connection between them.</p> <p>(Materials, TT, v. 5, no. 4)</p>	<p>61-13821</p> <p>I. Reinforced concrete - Tensile properties II. Reinforced concrete - Load distribution III. Concrete plates A. Chudakov, L. P. B. C.R.D.O. Trans. 4441 143,157</p>	<p>Office of Technical Services</p>
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Mal'tsov, K. A.
PHYSICAL SIGNIFICANCE OF CONVENTIONAL
CRITICAL TENSILE STRENGTH OF CONCRETE
IN BENDING (Fizicheskiy Smysl Ustoychivogo Predela
Prochnosti Betona na Rasteyazheniye pri Izgib'e) tr., y
R. J. Zatorski. [1960] [19]p. (foreign text included)
12 refs. Trans. no. 4442.

Order from LC or SLA m\$2.40, ph\$3.30 61-13890

Trans. of Beton i Zhelezobeton (USSR) 1958, no. 3,
p. 107-111.

Experiments indicated that cracks begin to develop in
bent concrete sections when stresses reach the criti-
cal strength in the longitudinal direction. The load
which causes the appearance of cracks, in a single
static distribution, is not a breaking load and the
critical equilibrium is reached only after a signifi-
cantly increased load is exerted. The difference be-
tween the conventional critical strength under ex-
centric loads and in the axial elongation is determined
(Materials, TT, v. 5, no. 4). (over)

61-13890

1. Concrete--Tensile properties
2. Concrete--Stresses
3. Mal'tsov, K. A.
- II. CSIRO Trans-4442
- III. Commonwealth Scientific and Industrial Research Organization (Australia)

143,158

Office of Technical Services

<p>Krilov, S. M. and Ikramov, S. I. INFLUENCE OF PROFILE AND PLASTIC PROPERTIES OF REINFORCEMENT ON THE STRESS DISTRIBUTION IN STATICALLY INDETERMINATE REINFORCED CONSTRUCTIONS (Vliyaniye Profilya i Plasticheskikh Svoyst Avmatury na Perevras Redelennyye Ustii v Staticheski Neopredelimykh Zhelezobetonnykh Konstruktsiyakh) tr. by E. Feigl. [1960] [14]p. (foreign text included). Trans. no. 4446. Order from LC or SLA m\$2.40, ph\$3.30 61-13276 Trans. of <u>Beton i Zhelezobeton</u> (USSR) 1958, no. 5, p. 183-186.</p> <p>Solid double-span concrete beams with various reinforcements were mechanically loaded until they collapsed. Smooth reinforcement effected a complete redistribution of stresses and was far from fracture when the beams collapsed. A cold-drawn ribbed reinforcement with the same plastic properties was fractured upon collapse. Results suggest that cohesion (Materials, TT, v. 5, no. 7) (over)</p>	<p>61-13276</p> <p>1. Reinforced concrete-- Stresses 2. Beams--Stresses 3. Reinforcing steel-- Development 4. Construction materials industry--USSR I. Krilov, S. M. II. Ikramov, S. I. III. CSIRO Trans-4446 IV. Commonwealth Scientific and Industrial Research Organization (Australia)</p> <p><i>148,702</i></p> <p>Office of Technical Services</p>
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CIA-RDP84-00581R000300800042-1

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CIA-RDP84-00581R000300800042-1

Problems of Stiffness and Strength of Three-Dimensional Systems of Frame-and-Panel Buildings,
by P. Shagin.

RUSSIAN, per, Beton i Zhelezobeton, No 6, 1958,
pp 226-228.

CSIRO Tr 4524
61-19389-

157, 791

Sci - Engr

Jun 61

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CIA-RDP84-00581R000300800042-1

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800042-1

Semenov, P. I. and Sazonov, R. M.
APPROXIMATE METHOD OF CALCULATION OF
FLOORS AND CROSS-WALLS OF BUILDINGS CON-
STRUCTED OF LARGE PANELS, WITHOUT A
FRAME, EXPOSED TO HORIZONTAL (WIND) LOAD
(Priblizhennyi Raschet Konstruktsii Perekryti i Po-
rechnykh Diaphragm Panel'nykh Beskarasnnykh Zdanii na
Gorizontal'nyyu Nagruzku) tr. by G. N. Gibson.
Oct 60 [7]p. Library Communication no. 1005;
[DSIR LLU] M3186.
Order from OTS or SLA \$1.10

61-28138

Trans. of Beton i Zhelezobeton (USSR) 1958, no. 7,
p. 278-280.
Another trans. is available from LC or SLA m1\$2.40,
ph\$3.30 as 60-23667, CSIRO Trans-4525 [1960] 11p.
(Foreign text included).

DESCRIPTORS: *Structures, Design, Stresses, Load
distribution, Wind.

61-28138

I. Semenov, P. I.
II. Sazonov, R. M.
III. LC-1005
IV. DSIR LLU M. 3186
V. Department of Scientific and
Industrial Research
(Gr. Brit.)

6 B/21/LC. 1005

185621

(Engineering--Civil, TT, v. 6,
no. 9)

Office of Technical Services

Some Problems on the Rheology of a Concrete
Mix, by A. A. Pavlik, 19 pp.

RUSSIAN, per, Beton i Zhelezobeton, No 10,
1958, pp 372-378.

SLA 60-13744
DSIR LLU M. 1041 (loan)

Sci

NETT

Apr 61

163,290

OTS, Vol III, No 12

Corrosion of the Reinforcement in Autoclaved
Cellular Cinderete, by S. Alekseev, L. Rosen'el'd.

RUSSIAN, per, Beton I Zhelezobeton, No 10, 1958,
p 388.

C. S. I. R. O. T4447
OTS 6C-15527

Sci

May 60

115,666

Protection of Steel Forms Against Corrosion,
by I. Kiselev, I. Zhaleznyak.

RUSSIAN, per, Beton I Zhelezobeton, No 10,
1958, p 389.

C. S. I. R. O. T4448

SIP 60-15530

Sci

May 60

115,678

Large-Scale Underground Construction in an
Operating Steel Plant, 15 pp.

RUSSIAN, per, Beton i Zhelezobeton, No 11, 1958,
pp 414-417.

Air Info Div T-29

USSR
Econ
Sci - Engr
Aug 59

93, 489

Kornilovich, I.E. and Osadchuk, Ya.E.
NOUVEL APPAREIL PERMETTANT L'ÉTUDE DE LA
RESISTANCE DU BETON DANS LA CONSTRUCTION
(A New Apparatus for the Study of the Resistance of
Concrete in Construction). 7p. CNRS-XXV 375.
Order from OTS, ETC or CNRS \$0.80 TT-62-26740

Trans. in French of Beton i Zhelezobeton (USSR) 1958,
no. 11, p.431-432.

DESCRIPTORS: Concrete, Quality control, Mechanical
properties, *Non-destructive testing.

TT-62-2674C

I. Kornilovich, I.E.
II. Osadchuk, Ya.E.
III. CNRS-XXV 375
IV. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translations Centre

(Engineering-Civil, TT, v. 11, no. 6)

QUELQUES PROPRIÉTÉS MÉCANIQUES DU BETON,
D'UNE IMPORTANCE ESSENTIELLE, CONCERNANT
LA MÉCANIQUE DES CONSTRUCTIONS EN BETON
ARMÉ (I) (Some Mechanical Properties of Concrete,
of Essential Importance, Concerning the Mechanism
of Constructions in Reinforced Concrete). 25p. 36 ref's
(text in French).
Order from OTS or ETC \$1.65

62-26328

Trans. in French of Beton i Zhelezobeton (USSR) 1959,
[no. 1] p. 5-17.

DESCRIPTORS: Concrete, Mechanical properties,
*Reinforced concrete, Construction, *Mechanics,
Theory, Deformation, Resistance, Creep.

(Materials, TT, v. 9, no. 8)

62-26328
1. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

Strength and Deformation of Silicate Concrete
Under Compression, by V. Gusakov.

RUSSIAN, per, Beton i Zhelezobeton, No 1, 1959,
pp 25-29.

CSIRO Tr 5014

Sci - Engr

150,520

Jun 61

Revised Thank to French
L.y : OTS 62-26982

<p>Goryainov, K. E. and Zasedatelev, I. B. THERMAL PROCESSES TAKING PLACE IN AUTO- CLAVE TREATMENT OF LARGE CELLULAR CON- CRETE UNITS (Teplofizicheskiye Prosesсы pri Avtoklavnoy Obrabotke Krupnorazmernykh Izdeliy iz Yacheistykh Betonov) tr. by M. Slade. [1960] [20 p. (foreign text included) 1 ref. Trans. no. 4644. Order from LC or SLA m1\$2.40, ph\$3.30 61-15178 Trans. of Beton i Zhelezobeton (USSR) 1959, no. 2, p. 62-67.</p> <p>Tests indicated that pressure is raised above atmos- pheric pressure the strength of the concrete harden- ing in it is greatly increased. To shorten the time of the hydrothermal treatment and still obtain crack- free blocks, the surface modulus of the object made of ash foam-concrete must be not less than 12 m^{-1}; this is ensured by providing holes in the block or re- ducing the thickness of the pieces. During the heating up period ($t_c < 100$) the holes have virtually no ac- (Materials, TT, v., 5, no. 4) (over)</p>	<p>61-15178</p> <p>1. Concrete--Heat treatment 2. Title: Cellular concrete I. Goryainov, K. E. II. Zasedatelev, I. B. III. CSIRO Trans-4644 IV. Commonwealth Scientific and Industrial Research Organization (Australia)</p> <p>143,333</p> <p>Office of Technical Services</p>
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<p>Lebel; L. M. and Knyazhevich, M. G. STUDY OF JOINTS IN SECTIONAL REINFORCED- CONCRETE SLABS (Issledovaniya Snykov Skoronykh Zhelezobetonnykh Plit) tr. by M. Slade. [1960] [13]p. (foreign text included). Trans. no. 4646. Order from I.C. or SLA-mi\$2.40, ph\$3.30 61-13278 Trans. of <u>Beton i Zhelezobeton</u> (USSR) 1959, no. 2, p. 82-85. A comparison is presented of the resistance to cracking, the rigidity, and the carrying capacity of sectional and one-piece reinforced-concrete slabs. Perederi joints with circular and elongated loops a joint made by welding strips of steel to the emerging ends of the reinforcement and a toothed joint with steel rods welded to the ends of the reinforcement of the slabs were compared with one-piece slabs. (Materials, TT, v. 5, no. 4)</p>	<p>DA- 61-13278 I. Reinforced concrete-- Tensile properties II. Joints--Test results I. Lebel; L. M. II. Knyazhevich, M. G. III. CSIRO Trans-4646 IV. Commonwealth Scientific and Industrial Research Organization (Australia) 143,345 NLL M. 3938</p>	
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62-14253

Lessig, N. N.
DETERMINATION OF THE LOAD-CARRYING CAPACITY OF REINFORCED CONCRETE ELEMENTS WITH RECTANGULAR CROSS-SECTION UNDER SIMULTANEOUS ACTION OF FLEXURE AND TORSION. [1961] (11) p.
Order from OTS or SLA \$1.60 62-14253

Trans. of Beton i Zhlezobeton (USSR) 1959, no. 3,
p. 109-113.

DESCRIPTORS: *Reinforced concrete, Load distribution, Failure (Mechanics), Determination, Design, Torsion bars, Plasticity, Flexible couplings, *Structures.

Experiments permitted a determination of the mode of failure of rectangular reinforced concrete elements working in torsion and flexure, and derivation of design formulas for the determination of their load (Engineering--Civil, TT, v. 8, no. 9) (over)

I. Lessig, N. N.

Office of Technical Services

<p>Krylov, N. A. and Durasov, A. S. LES METHODES ACTUELLES DU CONTROLE DE LA QUALITE DU BETON (Current Methods for Controlling the Quality of Concrete). 19p. (text in French). Order from OTS or ETC \$1.35 62-26321 Trans. in French of Beton i Zhelezobeton (USSR) 1959, no. 3, p. 113-117.</p> <p>DESCRIPTORS: *Concrete, *Quality control, Ultrasonics, Elasticity, Deformation, Vibration, Mechanical properties.</p> <p>(Materials, TT, v. 9, no. 8)</p>	<p>62-26321</p> <p>I. Krylov, N. A; II. Durasov, A. S. III. Centre National de la Recherche Scientifique (France)</p> <p>Office of Technical Services</p>
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(NY-2800/3).

Production of Prestressed Concrete Should Be
Developed by All Means, *IP*.

RUSSIAN, per, Beton i Zhelzobeton, No 4, Moscow,
1959, pp 1, 2.

*JPRS - 1781-N

USSR
Sci
Engr
Jun 59

Aleksandrovskiy, S. V. SOME CHARACTERISTICS OF CONCRETE SHRINKAGE AGE (Nekotoryye Osobennosti Uzadki Betona). Jan 61 [13]p. 4 refs. RTS 1587. Order from LC or SLA m1\$2.40, ph\$3.30 61-15710 Trans. of Beton i Zhelezobeton (USSR) 1959, no. 4, p. 169-174.	61-15710 I. Concrete--Stability II. Concrete--Maturity factors III. Aleksandrovskiy, S. V. IV. RTS-1587 V. Department of Scientific and Industrial Research (Or. Brit.)
151969	
Office of Technical Services	
(Materials, TT, v. 5, no. 9)	

Manufacture of Reinforced Concrete Panels in
Mechanised Vertical Casette Moulds, by A. K.
Mktumyan, K. I. Parshina, V. A. Sokolov, 7 pp.

RUSSIAN, per, Beton i Zhelezobeton, No 5, 1959,
pp 198-202.

SLA 60-17687
DSIR 224 M-1988 (LOAN)
Sci 129,430

OTS, Vol IV, No 3

Oct 60

Biryukovich, K. L. STRENGTH AND DEFORMABILITY OF GLASS FIBRE REINFORCEMENT (Prochnost i Deformativnost Steklovoloknistoy Armatury) tr. by G. N. Gibeon. June 60 [5 p. 9 refs. DSIR Library Communication no. 969. Order from OTS or SLA \$1.10 61-13950	61-13950 I. Biryukovich, K. L. II. LC-969 III. Department of Scientific and Industrial Research (Gt. Brit.) NLL 16-2807 161685	Office of Technical Services
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<p>Kalmanok, A. S. DESIGN OF SECTIONAL REINFORCED CONCRETE DECKS UNDER LOCAL LOADING (K Raschetu Sbornykh Zhelezobetonnykh Perekriftii na Mestnyuyu Nagruzku) tr. by E. Feigl. [1961] [7]p. (foreign text included). [CSIRO] Trans. no. 4832. Order from OTS or SLA \$1.10 Trans. of Beton i Zhelezobeton (USSR) 1959, no. 7, p. 329-330.</p> <p>DESCRIPTORS: *Reinforced concrete, Design, *Floors, Housing, *Load distribution, Construction, *Joints, Deformation, *Stresses.</p> <p>The load of partitions running along the span of a deck may, with an error not exceeding 5%, be assumed as being uniformly distributed over a width of the deck equal to the length of its span. (Author) (Engineering--Civil, TT, v. 7, no. 7)</p>	<p>61-28642</p> <p>I. Kalmanok, A. S. II. CSIRO Trans-4832 III. Commonwealth Scientific and Industrial Research Organization (Australia)</p> <p>61-28642</p> <p>Office of Technical Services</p>
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Aerated Concrete for Manufacture of
Large Components, by S. A. Mironov, et al.
RUSSIAN, per, Beton i Zhelezobeton, 1959,
No 8, pp 342-344.
ILL 5196 1963 (1199) (on loan)

Aug 65

286,941

GB/21/Lc 1199

11 765

GE-1

Steel-concrete prefabricated building components in
nuclear plants

Stahlbetonfertigbauteile bei Kernenergieanlagen

Beton i Zhelezobeton, No. 8, 345-349 (1959) -German
Bauplanung- Bautechnik, 14, No. 6, p. 280 (1960)- German

German
E u r a t o m

PC-8

(DC-3227)

Experience in the Manufacture of Porous Cinder
Concrete Wall Panels Without Autoclave Processing, by
G. A. Frank, 8 pp.

RUSSIAN, per, Beton i Zhelezobeton, No 8, 1959,
pp 364-366.

JPRS-L-1984-D

USSR
Econ
Jan 60

105 747

<p>Krasnyy, I. M. MOUNTING EQUIPMENT AND TECHNICAL ARRANGEMENT OF THE MANUFACTURE OF AUTOMATED SOLID AND HOLLOW PANELS BY THE CASSETTE METHOD (Formovochnoye Oborudovaniye i Tekhnologicheskiye Schemy Prizvodstva Avtomaticheskikh Sistem i Postroekh Izdelii Kassetnogo sposobivaniya) tr. by G. M. Gibson. Mar 60 [8]p. DSIR Library Communication no. 954; M. 2408. Order from ICA or SI Amt \$1.80, ph \$1.80 61-15504 Trans. of <u>Beton i Zhelezobeton</u> (USSR) 1959, no. 9, p. 413-416.</p> <p>(Machinery--Manufacturing, TT, v. 5, no. 12)</p>	<p>61-15504</p> <p>1. Solids--Production 2. Sheets--Production 3. Concrete--Molding I. Krasnyy, I. M. II. LC-954 III. DSIR I.I.U.M. 2408 IV. Department of Scientific and Industrial Research (Gt. Brit.)</p> <p>16 U.K.(?)</p> <p>Office of Technical Services</p>
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Sizov, V. N. STEAM-CURING OF HIGH-STRENGTH CONCRETE (Proparivaniye Visokoprochnikh Betonov) tr. by G. L. Cairns. June 60 [9]p. DSIR Library Communi- cation no. 988. Order from OTS or SLA \$1.10 61-13954 Trans. of Beton i Zhelezobeton (USSR) 1959, no. 10, p. 442-446.	61-13954 I. Title: High-strength concrete II. Sizov, V. N. III. LC-988 III. Department of Scientific and Industrial Research (Gr. Brit.) NLL M.2794 161687 Office of Technical Services
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(NY-2800/10).

The Mechanization and Automation of Plant Processes
for the Manufacture of Prefabricated Reinforced
Concrete Structures Should Be Improved, by M.
A. Pishchik, 1 p.

RUSSIAN, per, Beton i Zhelezobeton, No 12,
1959, p 531.

JPRS 2483

USSR
Econ - Construction
May 60

(KZ 2 Feb 11)

Production of Precast Reinforced Concrete Elements
to Be Developed and Perfected, 2 pp.

RUSSIAN, per, Beton i Zhelezobeton, No 1, 1960,
pp 1, 2.

TJPRS 2594

USSR

Econ - Construction

Feb 60

ED 12/60 2.

(SF-1832).

70th Birthday of Professor P. L. Pasternak, 1960

RUSSIAN, per, Beton i Zhelnyy Beton, No 1, 1960, p 38.

*JPRS 460P

USSR

Biog

27 Apr 61

Frost Resistance of Concrete Under Stress.
Freezing-Thawing Tests, 16 pp.

RUSSIAN, per, Beton i Zhelezobeton, No 2,
1960, pp 58-64.

AID T-40

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Evozidov.

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Prestressed Reinforced Concrete in Belorussian SSR
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Concrete to Compression). 10p. 3 refs. FR-157 (text
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Order from OTS or ETC \$1.00 62-26333
Trans. in French of Beton i Zhelezobeton (USSR)
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DESCRIPTORS: *Concrete, Pressure, Resistance,
Determination, Measurement, Demolitions.

(Materials, TT, v. 9, no. 8)

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- I. Gogolitsyn, V. A.
- II. Gurin, N. M.
- III. FR-157
- IV. Centre National de la
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Mesh-reinforced Concrete Floor Structures, by V. G. Kreitan.
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MLL Ref: 5196 1962 (1135)

(Loan) 24/4/61/ LC 1135

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Sci - Magr
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V. V. Mikhaylov.

RUSSIAN, per, Beton i Strelkovost, No 2,
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T-1361 M 8813
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Large-Panelled Housing, by G. F. Kuznetsov.

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Use of Fuel Ash in the Latvian SSR, by G. Ya.
Kumos, B. Ya. Lindenberg.

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MLL M 8812

Sci - Fuels
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Large Panels of Autoclaved Aerated Concrete
Without Cement Containing Blast Furnace Slag
and Fuel Ash, by L. M. Rozenfel'd, I. N.
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RUSSIAN, per, Beton i Zhelezobeton, No 2, 1961,
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CIA-RDP84-00581R000300800042-1

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CIA-RDP84-00581R000300800042-1

Manufacture of "Gas Concrete" for use in the
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Radkevich, B. L. SHRINKAGE AND CREEP OF EXPANDED CLAY-CONCRETE UNITS IN COMPRESSION (Usadka i Polzuchest' Szhatykh Keramzitobetonnykh Elementov) tr. by B. Ribush. [1962] [18]p. (foreign text included) 3 refs. [CSIRO] Trans. 5910. Order from OTS or SLA \$1.60 63-13597 Trans. of <u>Beton i Zhelezobeton</u> (USSR) 1961, no. 8, p. 364-369. DESCRIPTORS: *Clay, *Concrete, *Structures, Compressive properties, Deformation, Reinforced concrete, *Creep. Results are given of experiments on shrinkage and creep of reinforced and non-reinforced prisms made of expanded clay-concrete and standard concrete grade 150 and 200. (Author) (Engineering--Civil, TT, v. 10, no. 2)	63-13597 I. Radkevich, B. L. II. CSIRO Trans-5910 III. Commonwealth Scientific and Industrial Research Organization (Australia) Office of Technical Services
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Izvestkovom Vyazhushchem dlya Krupnorazmernykh
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p. 361-364.

DESCRIPTORS: *Prefabricated buildings, *Concrete,
Gases, Construction materials industry.

(Materials, TT, v. 9, no. 11)

62-33552

- I. Title: Gas concrete
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Shrinkage and Creep of Compressed Expanded Clay-Concrete Units in Compression, by B. Radkevich.

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Improved Construction of Large-Panel Flats,
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RUSSIAN, per, Beton i Zhelezovetok,
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Napryazhenii v Provolochnykh Prysadkakh pri Razlichnykh
Sposobakh Netylucheniya Armatury) G. L. Cairos, tr.
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Influence of Heat Evolution of Cements on
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RUSSIAN, per, ~~MANUFACTURE~~Beton i Zhelezobeton,
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Redistribution of Stresses in Prestressed
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DESCRIPTORS: *Reinforced concrete, Stresses,
Failure (Mechanics), Moments, Loading (Mechanics),
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FOR OFFICIAL USE ONLY

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The Effect of Vibromixing on the Strength of
Cement Solutions and Concrete, by
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